

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

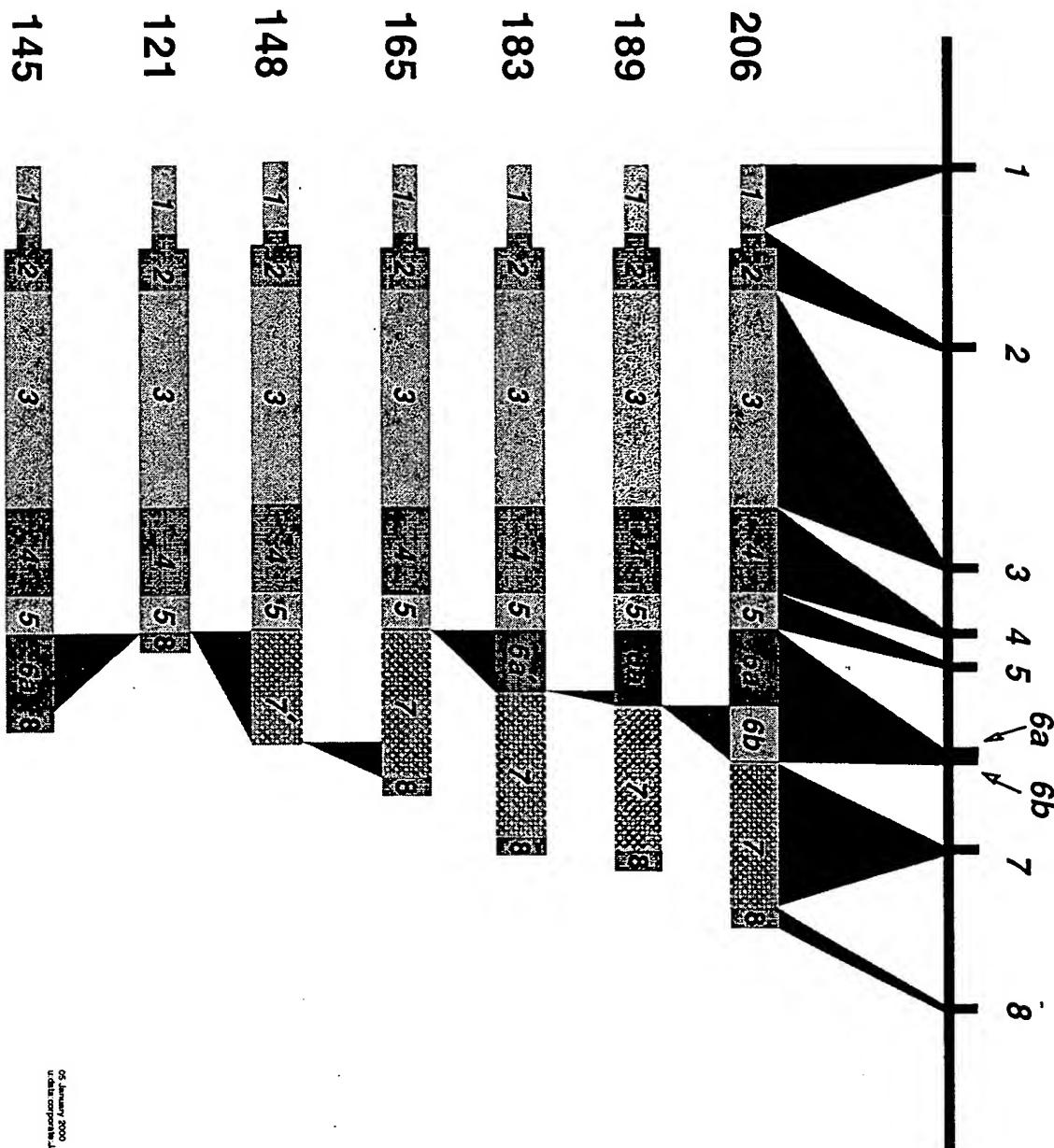
- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

MNFLLSWVHWSLALLYLHHAKWSQAAPMAEGGGQNHEVVKFMDVYQRSYCHPIE  
TLVDIFQEYPDEIEYIFKPSCVPLMRCGGCCNDEGLECVPTESNITMQIMRIKPHQGQ  
HIGEMSFLQHNKCECRPKDRARQEKCDKPRR

ATGAACCTTCTGCTGTCTGGTGCATTGGAGCCTGCCTGCTGCTCACCTCCA  
CCATGCCAAGTGGTCCCAGGCTGCACCCATGGCAGAAGGAGGAGGGCAGAATCA  
TCACGAAGTGGTGAAGTTCATGGATGTCTATCAGCGCAGCTACTGCCATCCAATCG  
AGACCCCTGGTGGACATCTTCCAGGAGTACCCCTGATGAGATCGAGTACATCTTCAAG  
CCATCCTGTGTGCCCTGATGCGATGCGGGGGCTGCTGCAATGACGAGGGCCTG  
GAGTGTGTGCCACTGAGGAGTCCAACATCACCATGCAGATTATGCGGATCAAAC  
CTCACCAAGGCCAGCACATAGGAGAGATGAGCTTCCCTACAGCACAACAAATGTGA  
ATGCAGACCAAAGAAAGATAGAGCAAGACAAGAAAAATGTGACAAGCCGAGGCGG  
TGA



App No.: Not Yet Assigned  
Inventor: Rodney A. JUE, et al.  
Title: VASCULAR ENDOTHELIAL GROWTH FACTOR DIMERS

Docket No.: 219002031111

Sheet 3 of 12

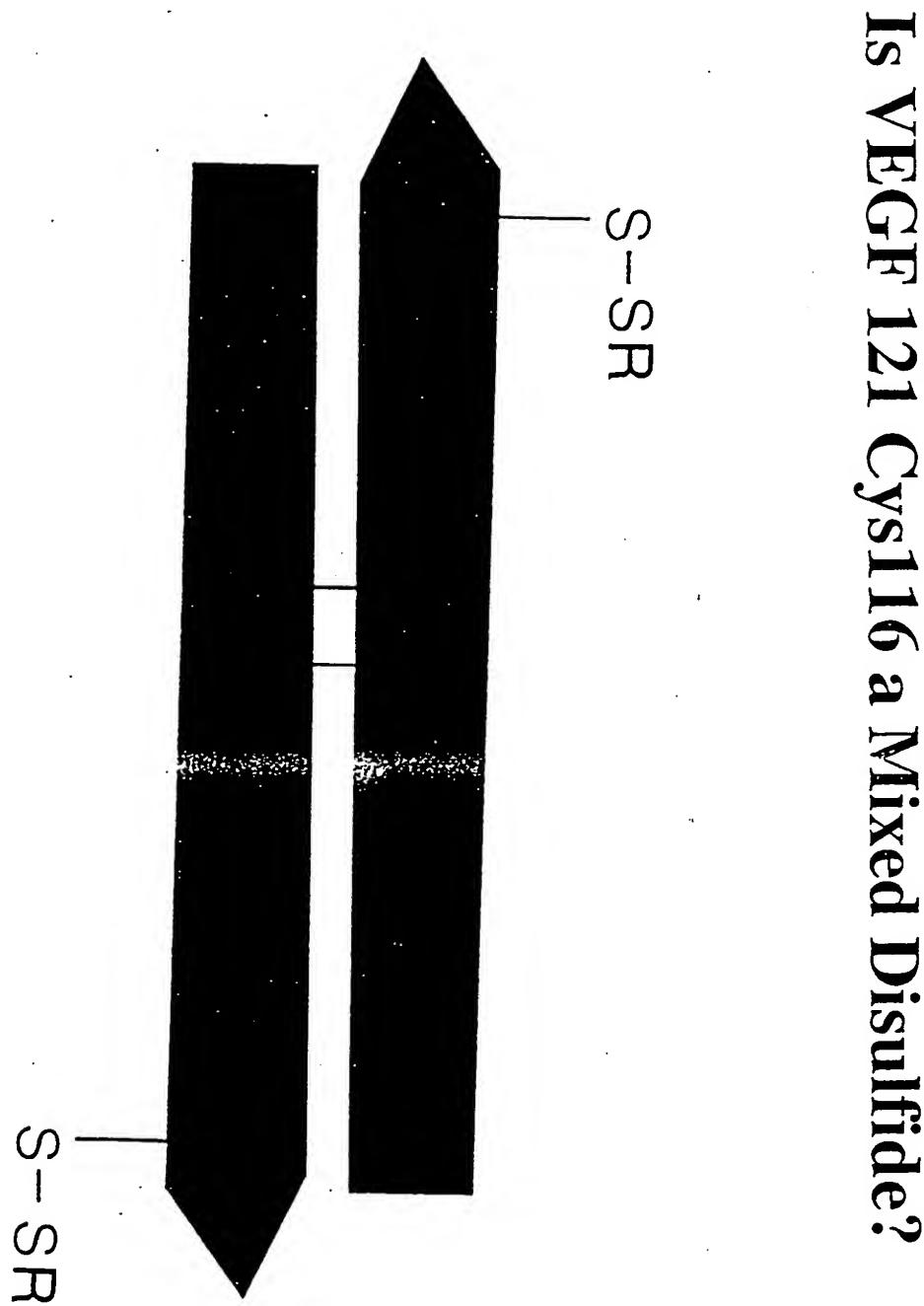


FIG. 3

App No.: Not Yet Assigned  
Inventor: Rodney A. JUE, et al.

Docket No.: 219002031111

Title: VASCULAR ENDOTHELIAL GROWTH FACTOR DIMERS  
Sh. et 4 of 12

# Is VEGF 121 Cys116 a Disulfide?

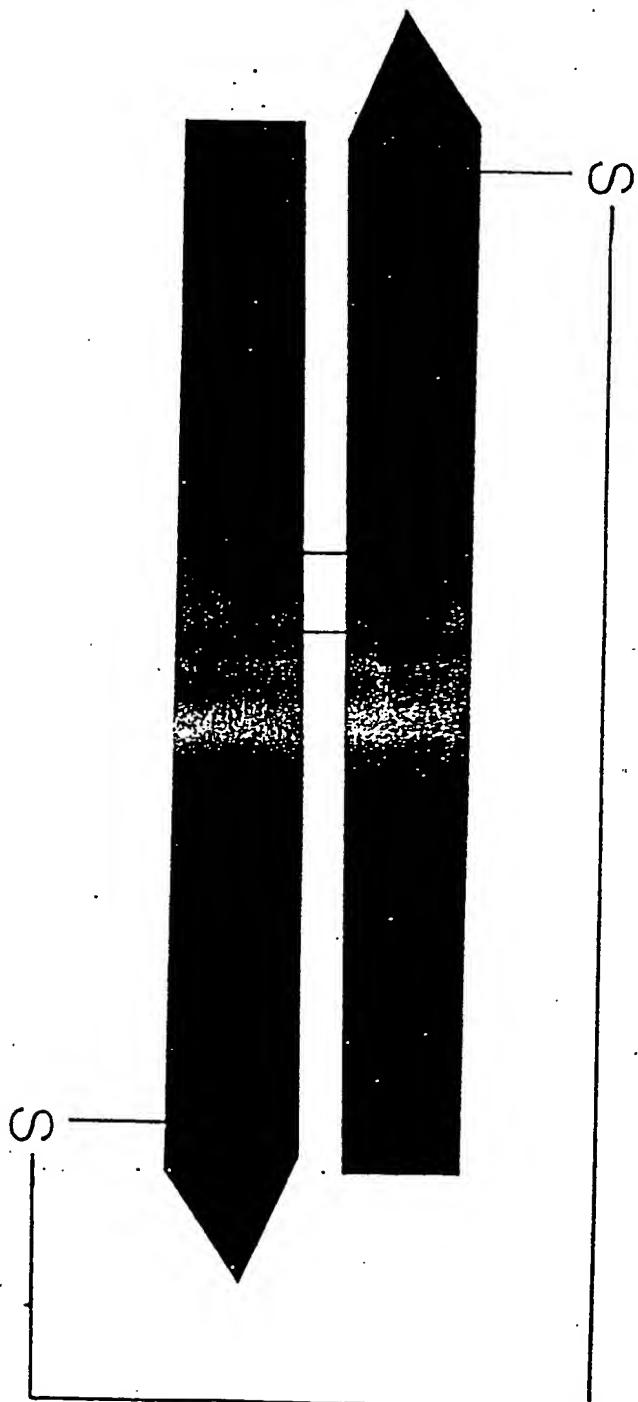


FIG. 4

Is VEGF 121 Cys116 a Free Sulfhydryl?

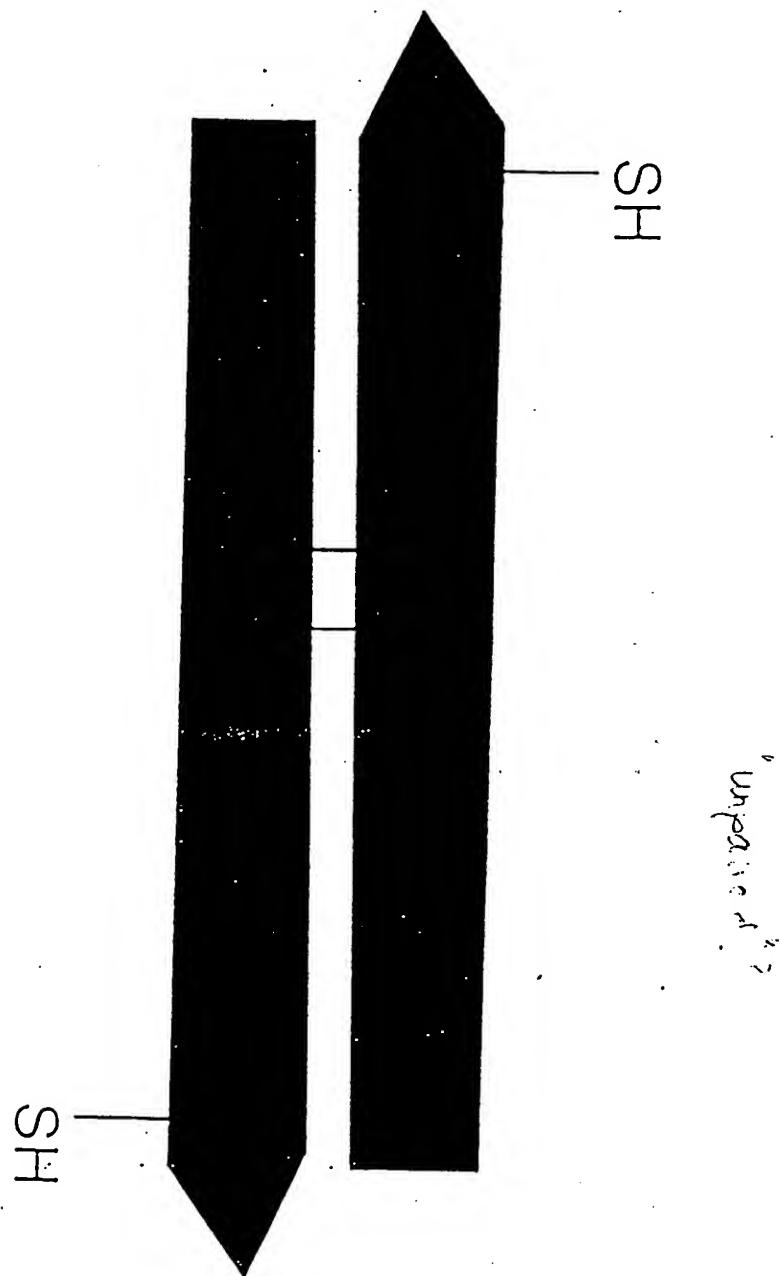


FIG. 5

## VEGF (8-109) crystal structure

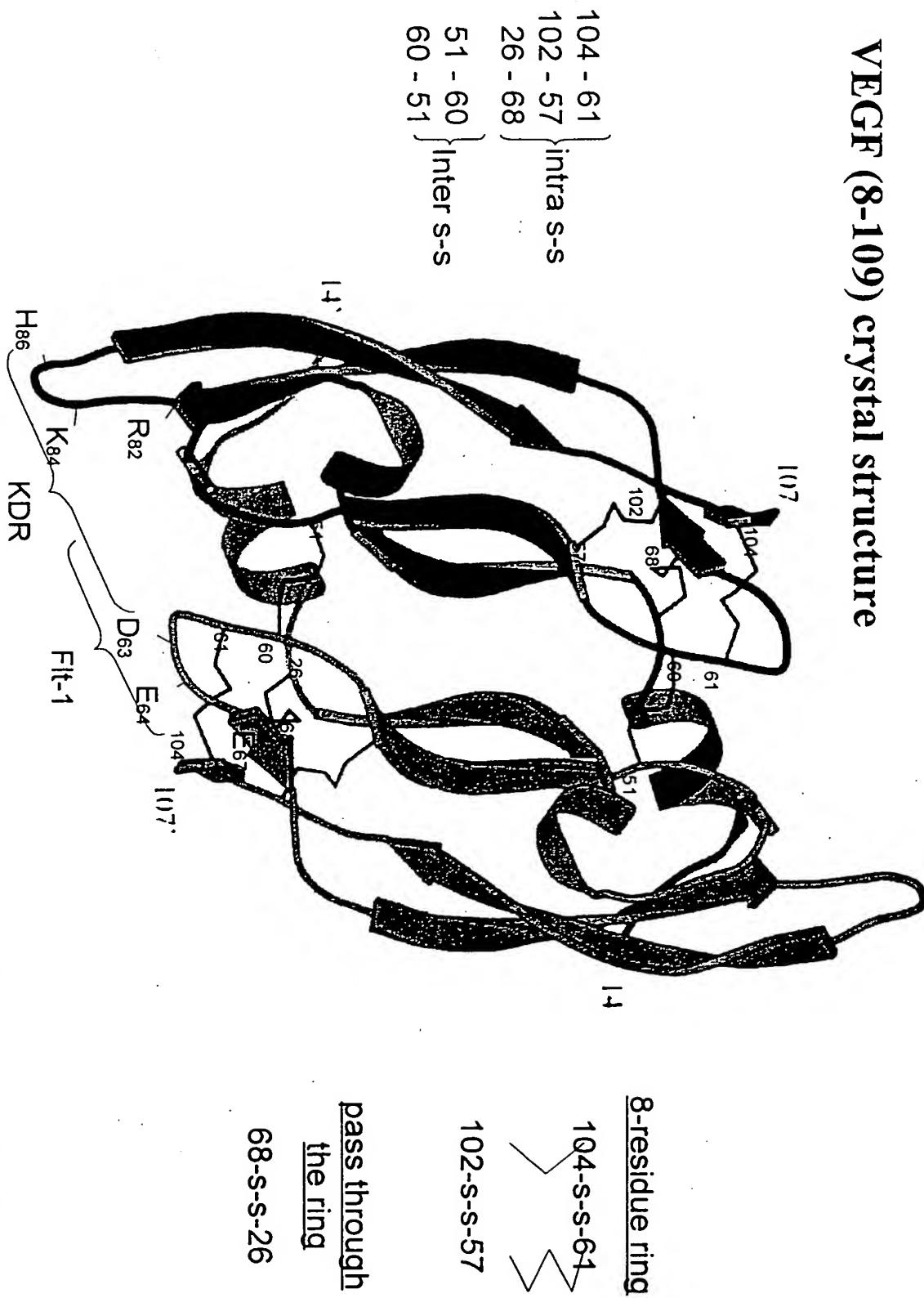


FIG. 6

Muller, Y.A. et al. PNAS, v94, p.7192, 1997

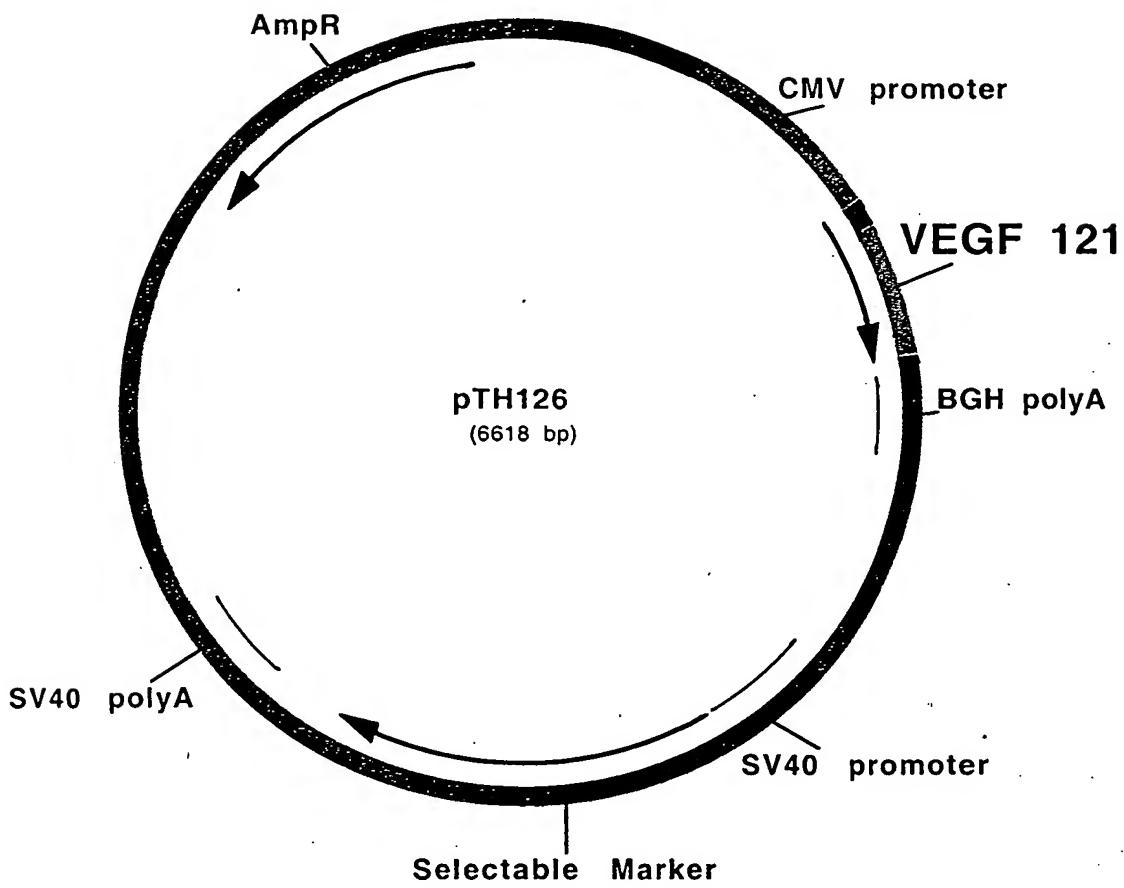


FIG. 7

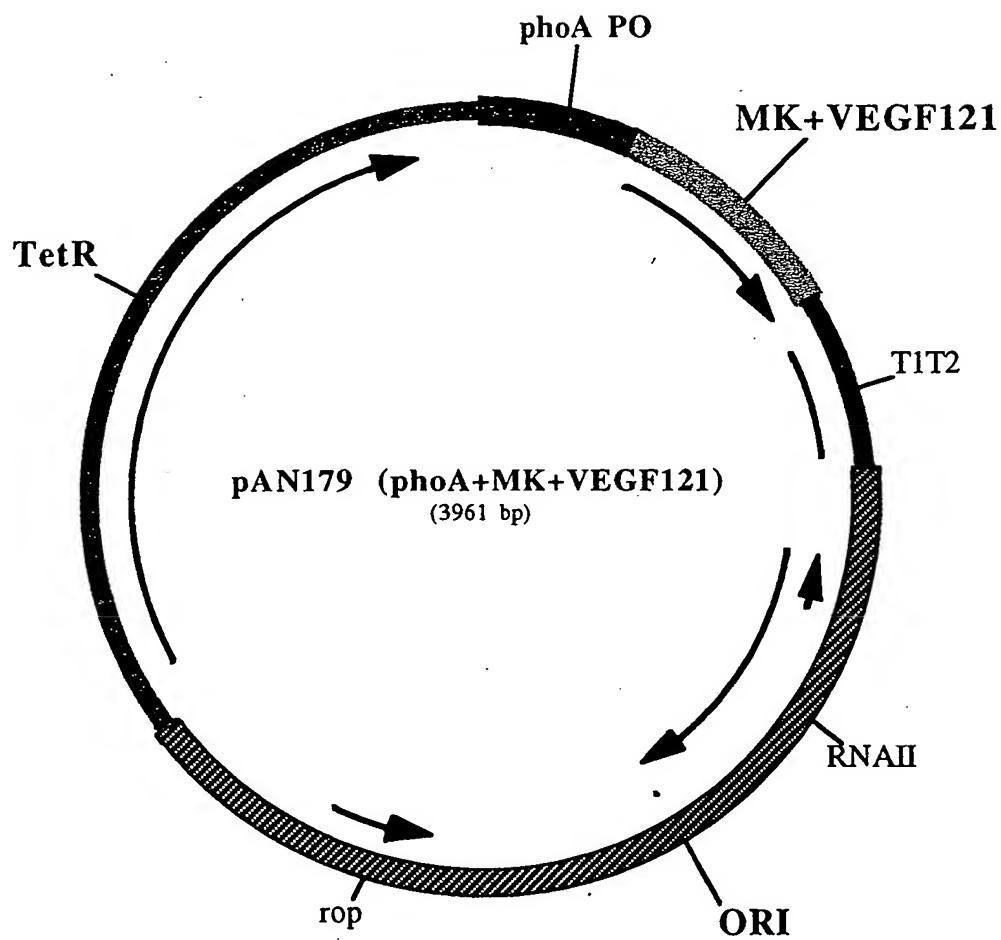


FIG. 8

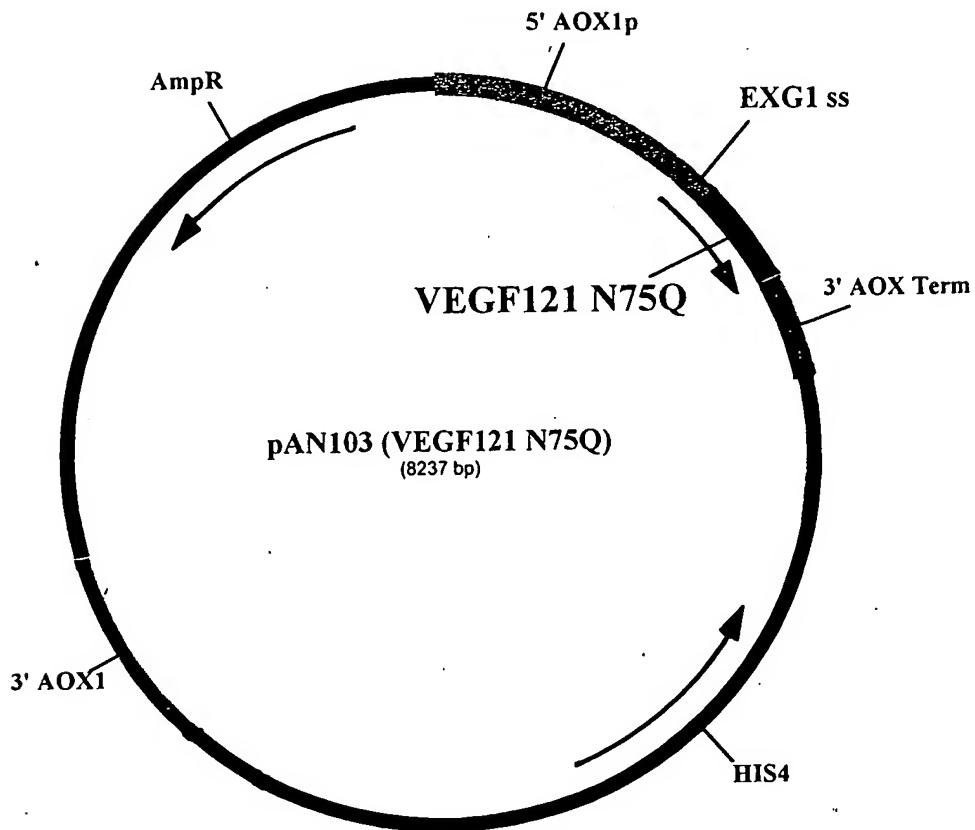


FIG. 9

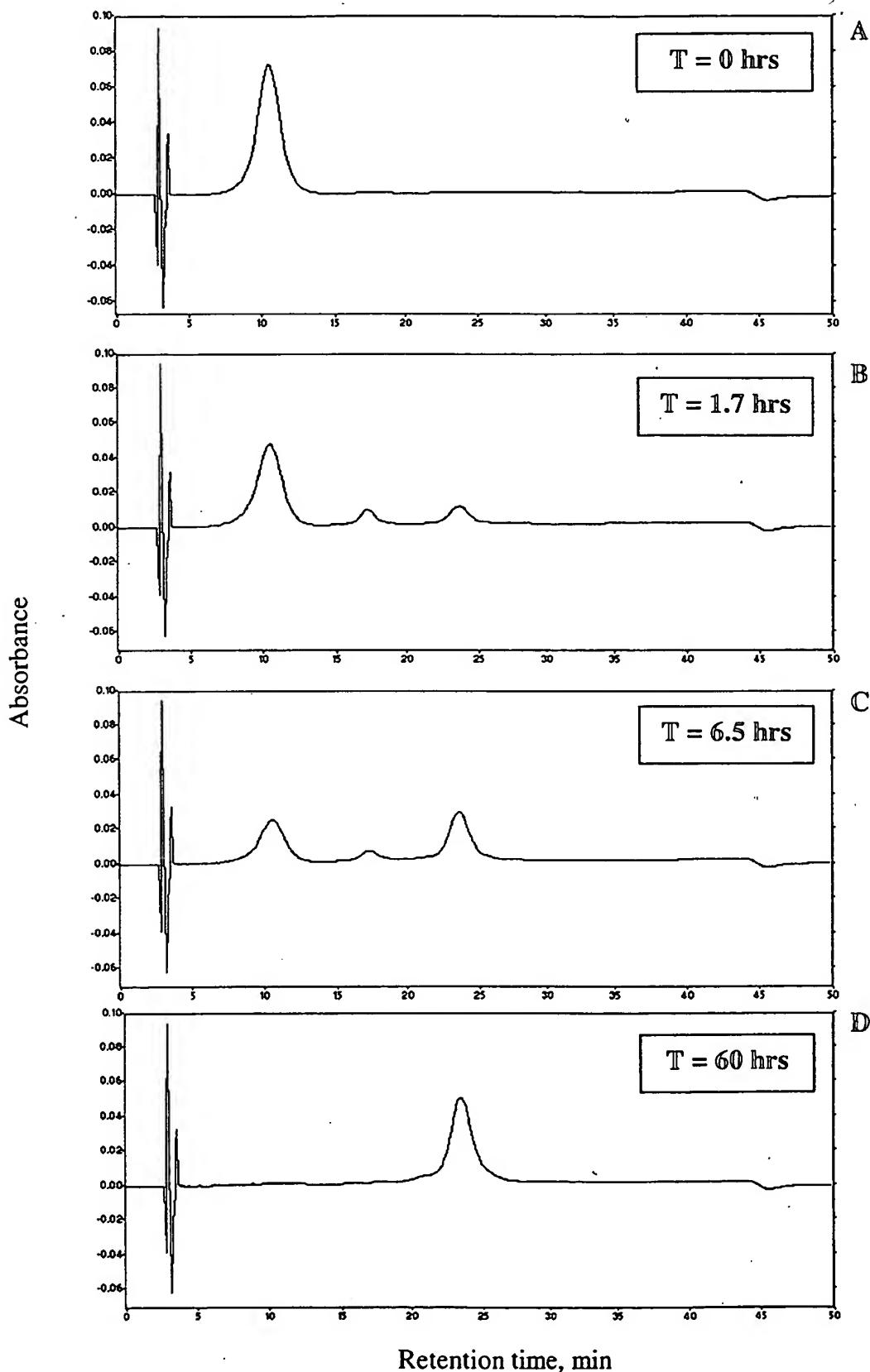


FIG. 10

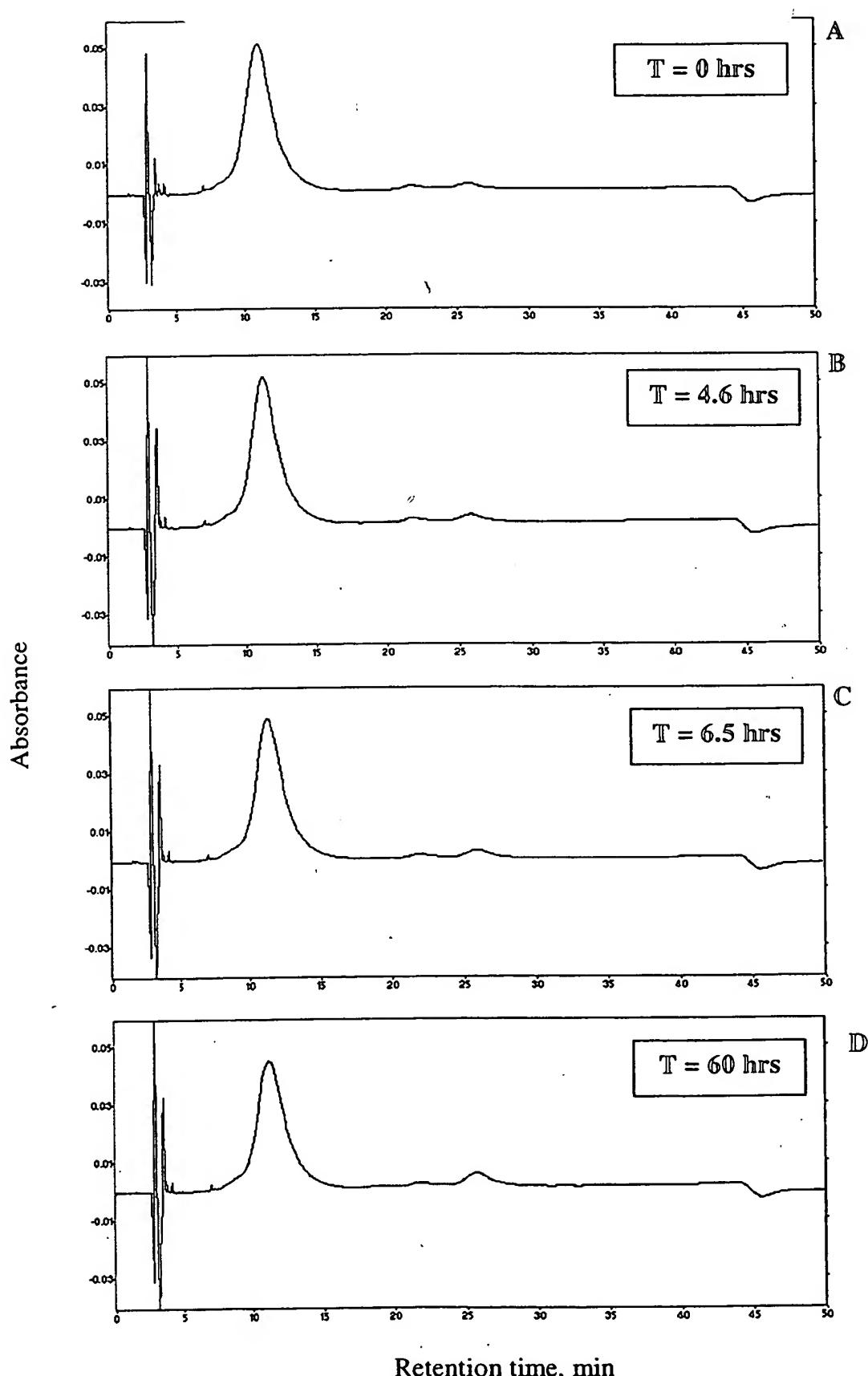


FIG. 11

HUVEC Assay

OD 450

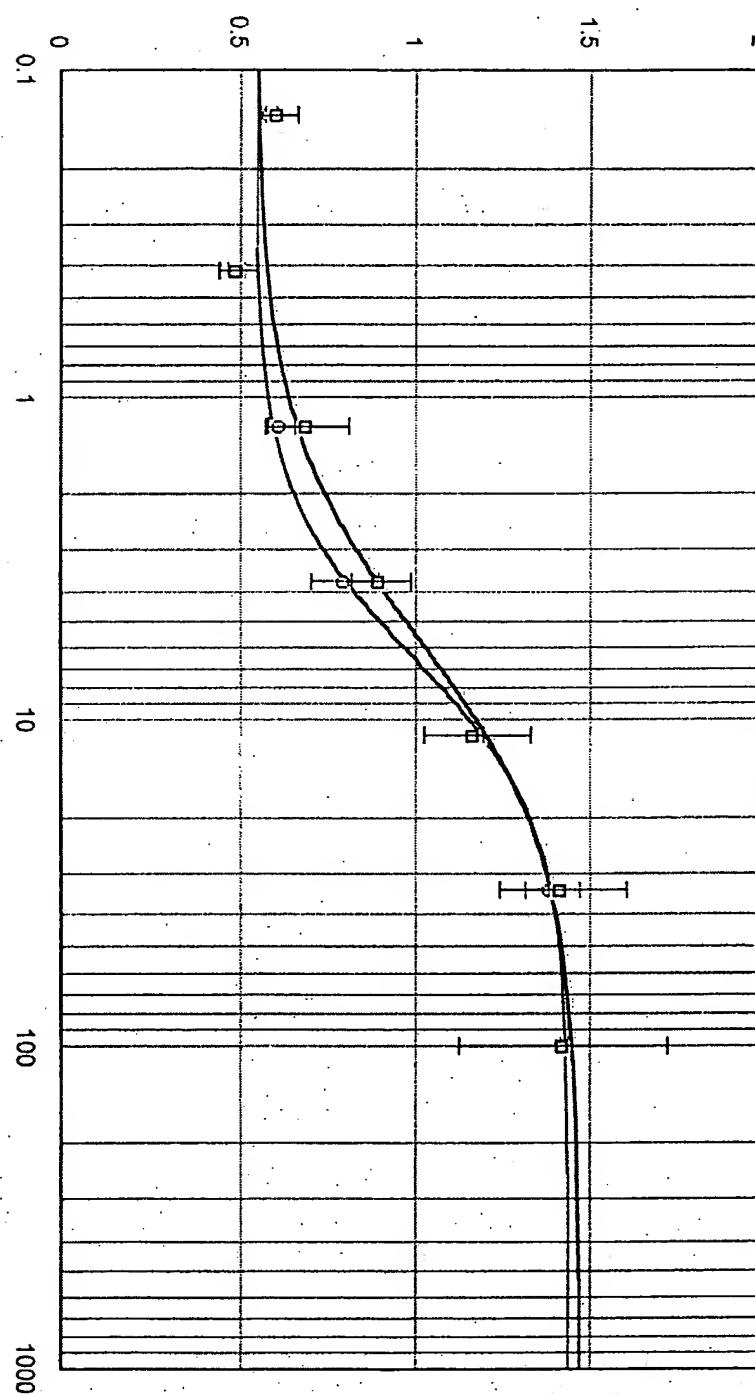


FIG. 12